

IN THE CLAIMS

The following is a complete listing of the claims, and replaces all earlier versions and listings.

1.-31. (Canceled)

32. (Currently Amended) A color facsimile apparatus comprising:

reading means for reading an image;

generating means for generating image data representing the image;

extracting means for extracting data from the image data in minimum processing units for JPEG compression processing;

embedding means for embedding transmission information for a header or footer in ~~[[the]]~~ a unit of extracted data extracted by said extracting means when the unit of the extracted data is a unit ~~of the extracted data~~ in which the transmission information should be embedded;

compressing means for executing JPEG compression processing for each unit of the extracted data including the unit of the extracted data in which the transmission information is embedded ~~and for storing compressed data in a memory~~ after embedding the transmission information by said embedding means;

storing means for storing compressed data by said compressing means in a memory; and

~~forming means for forming a JPEG image data of one page based on the compressed data stored in the memory, and~~

transmitting means for transmitting a the JPEG image data based on the compressed data stored in the memory.

33. (Currently Amended) A color facsimile apparatus according to claim 32, further comprising buffering means for successively storing the image data generated by said generating means in a buffer, and

wherein said extracting means extracts data of a predetermined number of lines corresponding to ~~[[the]]~~ a unit from the buffer.

34. (Currently Amended) A color facsimile apparatus according to claim 32, further comprising determining means for determining whether the unit of the extracted data is ~~[[a]] the unit of the extracted data~~ in which the transmission information should be embedded, and

wherein said embedding means embeds the transmission information in the unit of the extracted data according to a determination of said determining means.

35. (Previously Presented) A color facsimile apparatus according to claim 32, wherein the transmission information indicates at least one of a date, a time, and a number of pages.

36. (Currently Amended) A color facsimile apparatus comprising:

reading means for reading an image;

generating means for generating image data representing the image;

extracting means for extracting data from the image data in minimum processing units for JPEG compression processing;

compressing means for executing JPEG compression processing for each unit of the extracted data ~~and for storing compressed data in a memory;~~

storing means for storing compressed data by said compressing means in a memory;

~~forming means for forming a JPEG image data of one page based on the compressed data stored in the memory;~~

transmitting means for transmitting ~~a~~ the JPEG image data based on the compressed data stored in the memory; and

embedding means for embedding transmission information for a header or footer in ~~[[the]]~~ a unit of extracted data extracted by said extracting means when the unit of the extracted data is a unit ~~of the extracted data~~ in which the transmission information should be embedded before said compressing means executes the JPEG compression processing.

37. (Currently Amended) A controlling method of a color facsimile apparatus, comprising the steps of:

reading an image;

generating image data representing the image;

extracting data from the image data in minimum processing units for JPEG compression processing;

embedding transmission information for a header or footer in ~~[[the]]~~ a unit of extracted data extracted in said extracting step when the unit of the extracted data is a unit ~~of the extracted data~~ in which the transmission information should be embedded;

executing JPEG compression processing for each unit of the extracted data including the unit of the extracted data in which the transmission information is embedded after embedding the transmission information in said embedding step;

storing compressed data in a memory;

~~forming a JPEG image data of one page based on the compressed data stored in the memory;~~ and

transmitting a the JPEG image data based on the compressed data stored in the memory.

38. (Currently Amended) A controlling method of a color facsimile apparatus, comprising the steps of:

reading an image;

generating image data representing the image;

extracting data from the image data in minimum processing units for JPEG compression processing;

executing JPEG compression processing for each unit of the extracted data;

storing compressed data in a memory;
~~forming a JPEG image data of one page based on the compressed data
stored in the memory;~~
transmitting means for transmitting a the JPEG image data based on the
compressed data stored in the memory; and
embedding transmission information for a header or footer in ~~[[the]]~~ a unit
of extracted data extracted in said extracting step when the unit of the extracted data is a
unit ~~of the extracted data~~ in which the transmission information should be embedded
before executing the JPEG compression processing.

39. (Currently Amended) A storage medium storing a program for causing a
computer to function as the following means in a color facsimile apparatus:

reading means for reading an image;
generating means for generating image data representing the image;
extracting means for extracting data from the image data in minimum
processing units for JPEG compression processing;
embedding means for embedding transmission information for a header or
footer in ~~[[the]]~~ a unit of extracted data extracted by said extracting means when the unit of
the extracted data is a unit ~~of the extracted data~~ in which the transmission information
should be embedded;
compressing means for executing JPEG compression processing for each
unit of the extracted data including the unit of the extracted data in which the transmission

information is embedded ~~and for storing compressed data in a memory~~ after embedding the transmission information by said embedding means;

storing means for storing compressed data by said compressing means in a memory;

~~forming means for forming a JPEG image data of one page based on the compressed data stored in the memory; and~~

transmitting means for transmitting ~~a the~~ JPEG image data based on the compressed data stored in the memory.

40. (Currently Amended) A storage medium storing a program for causing a computer to function as the following means in a color facsimile apparatus:

reading means for reading an image;

generating means for generating image data representing the image;

extracting means for extracting data from the image data in minimum processing units for JPEG compression processing;

compressing means for executing JPEG compression processing for each unit of the extracted data ~~and for storing compressed data in a memory;~~

storing means for storing compressed data by said compressing means in a memory;

~~forming means for forming a JPEG image data of one page based on the compressed data stored in the memory;~~

transmitting means for transmitting ~~a~~ the JPEG image data based on the compressed data stored in the memory; and

embedding means for embedding transmission information for a header or footer in ~~[[the]]~~ a unit of extracted data extracted by said extracting means when the unit of the extracted data is a unit ~~of the extracted data~~ in which the transmission information should be embedded before said compressing means executes the JPEG compression processing.